

**REMARKS**

This is in full and timely response to the Office Action dated November 19, 2004.

Claim 26-44 are currently pending in this application, with claim 26 being independent.

*No new matter has been added.*

Reexamination in light of the following remarks is respectfully requested.

**Extensions of time**

Please treat any concurrent or future reply, requiring a petition for an extension of time under 37 C.F.R. §1.136, as incorporating a petition for extension of time for the appropriate length of time.

**Rejections under 35 U.S.C. §103**

Claims 13-25 were rejected under 35 U.S.C. §103 as allegedly being unpatentable over U.S. Patent No. 5,454,100 to Sagane in view of U.S. Patent No. 5,701,506 to Hosotani.

While not conceding the propriety of this rejection and in order to advance the prosecution of the above-identified application, claims 13-25 have been canceled.

Withdrawal of this rejection and allowance of the claims is respectfully requested.

**Newly added claims**

**Claims 26-44** - Claims 27-44 are dependent upon claim 26. Claim 26 is drawn to a data processing apparatus comprising:

program memory adapted to store instruction codes as a program, a program address indicating a location within said program memory for one of the instruction codes;

a bug address setting register adapted to store a bug address, said bug address indicating a starting address within said program memory for a buggy part of said program; and

a counter register adapted to store a value, said value representing a number of times an interrupt request signal indicates a coincidence between said program address and said bug address.

**Sagane and Hosotani**, either individually or as a whole, fail to disclose, teach, or suggest a counter register adapted to store a value, said value representing a number of times an interrupt request signal indicates a coincidence between said program address and said bug address.

Allowance of the claims is respectfully requested.

**Conclusion**

For the foregoing reasons, all the claims now pending in the present application are allowable, and the present application is in condition for allowance.

Accordingly, favorable reexamination and reconsideration of the application in light of the remarks is courteously solicited.

**Fees**

If any fee is required or any overpayment made, the Commissioner is hereby authorized to charge the fee or credit the overpayment to Deposit Account # 18-0013.

If the Examiner has any comments or suggestions that could place this application in even better form, the Examiner is requested to telephone Brian K. Dutton, Reg. No. 47,255, at 202-955-8753.

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Respectfully submitted,

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